

## Message Text

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ACTION NEA-10

INFO OCT-01 ISO-00 INT-05 AID-05 IGA-02 EB-07 IO-13  
L-03 OES-07 CIAE-00 INR-07 NSAE-00 /060 W  
-----281242Z 086101 /47

R 271651Z MAY 77  
FM AMEMBASSY RABAT  
TO SECSTATE WASHDC 2046  
INFO AMEMBASSY ALGIERS  
AMCONSUL CASABLANCA  
AMCONSUL TANGIER

C O N F I D E N T I A L RABAT 2933

DEPT ALSO PASS INTERIOR USGS REINEMUND

E.O. 11652: N/A  
TAGS: TECH EAID MO  
SUBJECT: VISIT OF USGS OFFICIALS REINEMUND AND GROLIER

REF: (A) RABAT 2195, (KB) STATE 102766, (C) STATE 112191  
(D) RABAT 2696, (E) STATE 115348, (F) RABAT 2846

1. IN RESPONSE TO REF A, REPORTING REQUEST BY KING HASSAN II TO UNDER SECRETARY HABIB DURING LATTER'S VISIT TO RABAT, JOHN A. REINEMUND, CHIEF, OFFICE OF INTERNATIONAL GEOLOGY, USGS, AND MAURICE J. GROLIER, USGS GEOLOGIST AND REMOTE SENSING SPECIALIST, MET WITH GOM OFFICIALS IN RABAT FROM MAY 17 TO 21. ON MAY 18, MESSRS. REINEMUND AND GROLIER PRESENTED A SEMINAR ON THE APPLICATIONS OF REMOTE SENSING TECHNOLOGY TO AN INTERMINISTERIAL GROUP ASSEMBLED BY THE MINISTRY OF COOPERATION. MORE DETAILED DISCUSSIONS WERE HELD AT LATER INDIVIDUAL SESSIONS WITH REPRESENTATIVES OF THE DIVISION OF GEOLOGY, BRPM (THE GOVERNMENT-OWNED COMPANY  
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FOR MINERAL EXPLORATIONS AND EXPLOITATION), THE SURVEY AND CARTOGRAPHY DIVISION, THE WATER RESOURCES DIVISION AND THE DIRECTION FOR WATERS, FORESTS AND SOIL CONSERVATION.

2. THESE DISCUSSIONS LEAD TO IDENTIFICATION OF SEVERAL PROSPECTIVE STUDIES FOR WHICH USE OF REMOTE SENSING

APPEARS APPROPRIATE. EACH OF THESE STUDIES WOULD INCLUDE ACQUISITION AND PROCESSING OF REMOTE SENSING DATA, DEMONSTRATION OF APPLICATION TECHNIQUES AND PROVISION OF TRAINING TO GOM PERSONNEL. LIST OF PROJECTS FOLLOWS:

A. VERIFICATION OF GEOLOGIC MAP OF SAHARA AT SCALE OF 1/500,000 AND IDENTIFICATION OF IRON ORE DEPOSITS IN SOUTHEAST CORNER OF MOROCCAN-CONTROLLED PORTION OF SAHARA.

B. EXPLORATION AND EVALUATION OF URANIUM DEPOSITS IN A NEW MINING AREA IN UPPER MOULOYA RIVER VALLEY.

C. ESTIMATION OF SNOWPACK AND RUNOFF IN ATLAS MOUNTAINS.

D. MONITORING OF COASTAL CHANGES, OCEAN CURRENTS AND SOIL EROSION IN NORTHERN MOROCCO.

E. PREPARATION OF BASE MAPS FROM SATELLITE IMAGES IN A RAPIDLY GROWING AREA.

F. APPLICATION OF REMOTE SENSING METHODS TO STUDY OF FORESTS, CROPS AND SOIL EROSION.

3. REINEMUND AND GROlier INTEND TO PREPARE DETAILED REPORT ON THESE PROPOSALS, INCLUDING IDEAS REGARDING ESTABLISHMENT OF A NATIONAL REMOTE SENSING LABORATORY IN MOROCCO. REPORT WILL BE FORWARDED TO EMBASSY AND USAID WHICH WILL PASS ON COPIES TO MINISTRY OF  
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COOPERATION. SPECIFIC AGREEMENTS ON FINAL PROGRAM DESIGN AND FUNDING ARE TO BE DETERMINED LATER BY USAID AND MINISTER OF COOPERATION.

4. DURING CONSULTATIONS WITH DIVISION DE LA GEOLOGIE, ENGLISH AND FRENCH TEXTS OF PROPOSED QUOTE MEMORANDUM OF UNDERSTANDING FOR TECHNICAL COOPERATION IN THE EARTH SCIENCES UNQUOTE WERE DISCUSSED. EMBASSY APPRECIATES TIMELY REF E RESPONSE CLEARING FRENCH TEXT OF MEMORANDUM. REF F REPORTS MODIFICATIONS IN ORIGINAL USGU PROPOSAL REQUESTED BY MOROCCAN SIDE. NEXT STEP IS FOR STATE AND INTERIOR TO CLEAR MODIFICATIONS AND FOR NEW SIGNED TEXTS IN FRENCH AND ENGLISH TO BE SENT FROM WASHINGTON TO RABAT FOR SIGNATURE BY MOROCCAN MINISTRY OFFICIAL.  
ANDERSON

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## Message Attributes

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**Review Markings:**  
Margaret P. Grafeld  
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